

Amendments to the Specification:

On page 7, line 9, please amend the paragraph as follows:

FIGs. 42-44 are example implementations of a WLAN interface; FIG. 42 includes FIGs. 42A and 42B and should be referred to for all references to FIG. 42 in the specification. FIG. 43 includes FIGs. 43A and 43B and should be referred to for all references to FIG. 43 in the specification. FIG. 44 includes FIGs. 44A and 44B and should be referred to for all references to FIG. 44 in the specification.

On page 7, line 10, please amend the paragraph as follows:

FIGs. 45, 46A, and 46B and 46C relate to an example MAC interface for an example WLAN interface embodiment;

On page 7, line,12, please amend the specification as follows:

FIGs. 47, 48, 49A, and 49B and 49C relate to an example demodulator/modulator facilitation module for an example WLAN interface embodiment; FIG. 47 includes FIGs. 47A-D and should be referred to for all references to FIG. 47 in the specification. FIG. 48 includes FIGs. 48A-B and should be referred to for all references to FIG. 47 in the specification.

On page 7, line 14, please amend the specification as follows:

FIGs. 50, 51, 52A, 52B, and 52C relate to an example alternate demodulator/modulator facilitation module for an example WLAN interface embodiment; FIG. 50 includes FIGs. 50A-D and should be referred to for all references to FIG.50 in the specification. FIG. 51 includes FIGs. 51A-B and should be referred to

for all references to FIG. 51 in the specification. FIG. 52B includes FIG. 52B-1 and should be referred to for all references to FIG. 52B in the specification.

On page 7, line 16, please amend the specification as follows:

FIGS. 53 and 54 relate to an example receiver for an example WLAN interface embodiment; FIG. 53 includes FIGs. 53A-C and should be referred to for all references to FIG. 53 in the specification.

On page 7, line 18, please amend the specification as follows:

FIGS. 55, 56A, and 56B relate to an example synthesizer for an example WLAN interface embodiment; FIG. 55 includes FIGs. 55A-C and should be referred to for all references to FIG. 55 in the specification.

On page 7, line 20, please amend the specification as follows:

FIGS. 57, 58, 59, 60, 61A, and 61B relate to an example transmitter for an example WLAN interface embodiment; FIG. 57 includes FIGs. 57A-D and should be referred to for all references to FIG. 57 in the specification. FIG. 60 includes FIGs. 60A-D and should be referred to for all references to FIG. 60 in the specification.

On page 7, lines 22, please amend the specification as follows:

FIGS. 62 and 63 relate to an example motherboard for an example WLAN interface embodiment; FIG. 62 includes FIGs. 62A-I and should be referred to for all references to FIG. 62 in the specification.

On page 7, lines 24-25, please amend the specification as follows:

FIGS. 64-66 relate to example LNAs for an example WLAN interface embodiment; FIG. 64 includes FIGs. 64A-C and should be referred to for all references to FIG. 64 in the specification. FIG. 65 includes FIGs. 65A-E and should be referred to for all references to FIG. 65 in the specification. FIG. 66 includes FIGs. 66A-B and should be referred to for all references to FIG. 66 in the specification.

On page 8, line 3, please amend the specification as follows:

FIG. 70A illustrates an IQ receiver having shunt UFT modules according to embodiments of the invention; FIG. 70A includes FIGs. 70A-1 and should be referred to for all references to FIG. 70A in the specification.

On page 8, line 9, please amend the specification as follows:

FIG. 70E illustrates an example IQ modulation receiver embodiment according to embodiments of the invention; FIG. 70E includes FIG. 70E1 and FIG. 70E2 and should be referred to for all references to FIG. 70E in the specification.

On page 8, line 15, please amend the specification as follows:

FIG. 70S illustrates a FET configuration of an IQ receiver embodiment according to embodiments of the invention; FIG. 70S includes FIGs. 70S-1 and should be referred to for all references to FIG. 70S in the specification.

On page 10, line 16, please amend the specification as follows:

FIGS. 90A-D illustrate[[s]] various implementation circuits for the modulator 7410, according to embodiments of the present invention; FIG. 90B includes FIGs. 90B-1, 90B-2, 90B-3, and 90B-4 and should be referred to for all references to FIG. 90B in the specification. FIG. 90C includes FIGs. 90C-1, 90C-2, 90C-3, and 90C-4 and should be referred to for all references to FIG. 90C in the specification.

On page 10, line 26, please amend the specification as follows:

FIGs. 95A-C, and FIGs. 96-161 illustrate schematics for an integrated circuit implementation example of the present invention. FIG. 97 includes FIGs. 97A-D and should be referred to for all references to FIG. 97 in the specification. FIG 105 includes FIGs. 105A-D, 105 E1-E2, and 105F-V, and should be referred to for all references to FIG. 105 in the specification. FIG. 106 includes FIGs. 106A-F and should be referred to for all references to FIG. 106 in the specification. FIG. 107 includes FIGs. 107A-D and should be referred to for all references to FIG. 107 in the specification. FIG. 109 includes FIGs. 109A-D and should be referred to for all references to FIG. 109 in the specification. FIG. 110 includes FIGs. 110A-D and should be referred to for all references to FIG. 110 in the specification. FIG. 112 includes FIGs. 112A-D and should be referred to for all references to FIG. 112 in the specification. FIG. 113 includes FIGs. 113A-F and should be referred to for all references to FIG. 113 in the specification. FIG. 115 includes FIGs. 115A-F and should be referred to for all references to FIG. 115 in the specification. FIG. 118 includes FIGs. 118A-D and should be referred to for all references to FIG. 118 in the specification. FIG. 123 includes FIGs. 123A-H and should be referred to for all references to FIG. 123 in the specification. FIG. 125 includes FIGs. 125A-H and should be referred to for all references to FIG. 125 in the specification. FIG.

126 includes FIGs. 126A-H and should be referred to for all references to FIG. 126 in the specification. FIG. 127 includes FIGs. 127A-D and should be referred to for all references to FIG. 127 in the specification. FIG. 150 includes FIGs. 150A-H and should be referred to for all references to FIG. 150 in the specification. FIG. 159 includes FIGs. 159A-D and should be referred to for all references to FIG. 159 in the specification. FIG. 160 includes FIGs. 160A-D and should be referred to for all references to FIG. 160 in the specification.